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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/879,972	06/14/2001	Raja Singh Tuli		6080

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EXAMINER

JONES, DAVID

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 07/30/2003

3

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/879,972

Applicant(s)

TULI, RAJA SINGH

Examiner

David L Jones

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Guedalia U.S. Patent 6,356,283.

Regarding claim 1, Guedalia discloses a device (figure 1, item 10, column 17, lines 39-67) for viewing Internet content such that a host computer receives information about a web page from outside and renders that information in memory; a software program running on the device implements a device browser window with icons providing web functions which are fixed with respect to a device window (figure 1, item 22, column 17, lines 39-48); the color depth of a portion of the web page on the host computer proportional to the size of the device browser window is reduced, digitally compressed and transmitted to the device, where it is decompressed and stored into a display memory on the device for view by a user (column 17, lines 63-67, column 18, lines 1-44); the device enables the user to scroll inside the device browser window whereby a message is sent to the host computer of the exact scroll commands informing the host computer where the user has scrolled to, such that part of the web page that would appear in the device browser window is sent to the device (figure 2, item 42, column 18, lines 58-64).

Art Unit: 2622

Regarding claim 2, Guedalia discloses a device (figure 2, column 19, lines 30-49) where each portion of a web page scrolled to and sent to the device is stored collectively as a page on the device, in the same locations as they appear on the web page, with new portions scrolled to added to the page stored on the display memory of the device, without common overlapping areas scrolled to sent more than once from the host computer.

Regarding claim 3, Guedalia discloses (figure 4, column 20, lines 24-57) a device where each web page viewed is stored on the host computer and also on a memory in the device along with information on which portions of web pages were sent to the device, including information on links between web pages viewed, enabling previously viewed web pages to be retrieved from memory of the device.

Regarding claim 4, Guedalia discloses a device (figure 4, column 20, lines 24-57) such that when the user clicks on a link to a new web page, the current web page is removed from the display memory, compressed and stored on the device in a different memory location with information on links between web pages viewed, for view again by the user at a later time, where a portion of the new web page is received by the device, decompressed and stored in the display memory and displayed for view.

Regarding claim 5, Guedalia discloses a device (figure 4, column 20, lines 24-57) where the last area scrolled to or viewed by the user is stored in memory on the device for each web page viewed, whereby upon returning to a previously viewed web page, said last area scrolled to and viewed appears first on the device window.

Regarding claim 6, Guedalia discloses (column 17, lines 63-67, column 18, lines 1-44) a device where a host computer reduces the color depth of the entire web page before the portion

Art Unit: 2622

of the web page equal in size to the device browser window is reduced, digitally compressed and transmitted to the device.

Regarding claim 7, Guedalia discloses (column 17, lines 63-67, column 18, lines 1-44) a device whereby a host computer reduces the color depth and digitally compresses the entire web page before the portion of the web page, equal in size to the device browser window, is transmitted to the device.

Regarding claims 8 and 9, Guedalia discloses a device (figure 1, item 10, column 17, lines 39-67) for viewing Internet content such that a host computer receives information about a web page from outside and renders that information in memory; a software program running on the device implements a device browser window with icons providing web functions which are fixed with respect to a device window (figure 1, item 22, column 17, lines 39-48); the color depth of a portion of the web page on the host computer proportional to the size of the device browser window is reduced, digitally compressed and transmitted to the device, where it is decompressed and stored into a display memory on the device for view by a user (column 17, lines 63-67, column 18, lines 1-44); the device enables the user to scroll inside the device browser window whereby a message is sent to the host computer of the exact scroll commands informing the host computer where the user has scrolled to, such that part of the web page that would appear in the device browser window is sent to the device (figure 2, item 42, column 18, lines 58-64); areas of each web page viewed are stored on the host computer and also on a memory in the device along with information on which areas of web pages were sent to the device, where scrolling to a new area outside an area of a web page previously viewed, sends a message from the device to the host computer instructing this new area to be sent to the device

Art Unit: 2622

which is digitally compressed and transmitted to the device, where it is decompressed and stored into a display memory on the device for view by a user (figure 4, column 20, lines 24-57) . And web pages and corresponding areas frequently viewed by the user are stored on the host computer, where entering the address of a frequently viewed web page on the device sends a message containing the web page address to the host computer, which recognizes this web page and automatically sends corresponding areas frequently viewed to be displayed on the device for view by the user (figure 1, item 38, column 17, lines 49-66).

Art Unit: 2622

Conclusion


3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Pepe et al. U.S. Patent 5,673,322 discloses an interface between a protected computer or computer network and the World Wide Web (WWW). Whalen et al. U.S. Patent 5,948,066 discloses a system and a method for delivery of information over narrowband communication links. Theriault et al. discloses a proxy host computer and a method for accessing and retrieving information between a browser and a proxy.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David L Jones whose telephone number is (703) 305-4675. The examiner can normally be reached on Monday - Friday (6:30am - 3:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (703) 305-4712. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9313 for regular communications and (703) 872-9313 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

dlj
July 28, 2003


EDWARD COLES
SUPERVISORY PATENT EXAMINER
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